

CLIMAX MOLYBDENUM MARKETING CORP./CYPRUS CLIMAX -- MOLYSULFIDE (TECHNICAL, TECHNICAL FINE, SUPER FINE) -- 6810-00-816-1025

===== Product Identification =====

Product ID:MOLYSULFIDE (TECHNICAL, TECHNICAL FINE, SUPER FINE)

MSDS Date:05/05/1997

FSC:6810

NIIN:00-816-1025

MSDS Number: CGMWH

=== Responsible Party ===

Company Name:CLIMAX MOLYBDENUM MARKETING CORP./CYPRUS CLIMAX

Address:1501 W. FOUNTAINH

EAD PARKWAY

Box:22015

City:TEMPE

State:AZ

ZIP:85285-2015

Country:US

Info Phone Num:602-929-4400/FAX -4430

Emergency Phone Num:602-929-4400/800-424-9300(CHEMTREC)

CAGE:4L063

=== Contractor Identification ===

Company Name:CHEMICAL SPECIALISTS AND DEVELOPMENT INC

Address:2210 HACKBERRY LN

Box:687

City:CONROE

State:TX

ZIP:77305

Country:US

Phone:409-756-1065

CAGE:4N760

Company Name:CLIMAX MOLYBDENUM CO A DIV OF AMAX INC

Address:3858 CARSON

Box:City:TORRANCE

State:CA

ZIP:90503-6705

Country:US

Phone:21

3-540-6612  
CAGE:4L063  
Company Name:CLIMAX PERFORMANCE MATERIALS CORP  
Address:1501 W. FOUNTAINHEAD PARKWAY  
Box:City:TEMPE  
State:AZ  
ZIP:86285  
Country:US  
Phone:602-929-4412  
CAGE:019Y6

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Composition/Information on Ingredients  
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Ingred Name:MOLYBDENUM DISULFIDE  
CAS:1317-33-5  
RTECS #:QA4697000  
Fraction by Wt: >99%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:10 MG MO/M3  
ACGIH TLV:10 MG MO/M3

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Hazards Identification  
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LD50 LC50 Mixt  
ure:LD50 (ORAL, RAT) IS UNKNOWN.  
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:MAY CAUSE IRRITATION TO SKIN & EYES.  
CHRONIC: NO INFORMATION AVAILABLE ON SIGNIFIGANT ADVERSE EFFECTS.  
Explanation of Carcinogenicity:NO INGREDIENT OF A CONCENTRATION OF 0.1%  
OR GREATER IS LISTED AS A CARCINOGEN BY IARC, NTP OR OSHA.  
Effects of Overexposure:SKIN & EYES: IRRITATION.  
Medical Cond Aggravated by Exposure  
:NONE SPECIFIED BY MANUFACTURER.

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First Aid Measures  
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First Aid:EYES-FLUSH WITH WATER FOR 15 MINUTES, HOLD LIDS OPEN. GET  
MEDICAL ATTENTION. SKIN-REMOVE CONTAMINATED CLOTHES. WASH WITH SOAP  
& WATER. SEEK MEDICAL ATTENTION IF SYMPTOMS PERSIST. INHALED-REMOVE  
TO FRE SH AIR. RESTORE BREATHING AS NEEDED. INGESTED-IF VOMITING  
OCCURS, KEEP HEAD BELOW HIPS. GET MEDICAL ATTENTION.

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Fire Fighting Measures  
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Flash Point:NONE

Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, FOAM OR DRY CHEMICAL FOR SURROUNDING FIRE. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.

Fire Fighting Procedures:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:TOXIC FUMES

===== Accidental Release Measures =====

Spill Release Procedures:SWEEP UP WITH A MINIMUM OF DUSTING AND PLACE INTO SUITABLE CLEAN, DRY CONTAINERS FOR RECLAMATION OR LATER DISPOSAL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

===== Handling and Storage =====

Handling and Storage Precautions:STORE IN DRY PLACE AWAY FROM INCOMPATIBLE MATERIALS. KEEP CONTAINER TIGHTLY CLOSED. USE IN VENTILATED AREA.

Other Precautions:DO NOT RAISE DUST. AVOID CONTACT WITH EYES, SKIN OR CLOTHING. AVOID INHALATION OF DUST. WASH THOROUGHLY AFTER HANDLING MATERIAL. KEEP OUT OF REACH OF SMALL CHILDREN. DO NOT INGEST.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NONE NORMALLY REQUIRED. IF AIRBORNE CONCENTRATION IS HIGH, WEAR A NIOSH-APPROVED DUST RESPIRATOR OR DUST MASK. USE IAW 29 CFR 1910.134.

Ventilation:ADEQUATE VENTILATION.

Protective Gloves:LATEX TO MINIMIZE SKIN CONTACT

Eye Protection:SAFETY GLASSES OR DUST GOGGLES

Other Protective Equipment:EYE WASH STATION, SAFETY SHOWER, PROTECTIVE CLOTHING AND/OR UNIFORM

Work Hygiene

Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

Supplemental Safety and Health

===== Physical/Chemical Properties =====

HCC:N1

Melt/Freeze Pt:M.P/F.P Text:>599F,>315C

Vapor Pres:0 @ 20C

Spec Gravity:4.80

Solubility in Water:INSOLUBLE

Appearance and Odor:DARK GRAY TO BLACK POWDER OR DUST.

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZING AGENTS, POTASSIUM

SSIIUM NITRATE

Stability Condition to Avoid:DISPERSION OF DUST IN AIR

Hazardous Decomposition Products:SULFUR DIOXIDE

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSE OF IN COMPLIANCE WITH ALL LOCAL, STATE  
AND FEDERAL REGULATIONS.

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